

Materials List for:

A Simple Mechanical Procedure to Create Limbal Stem Cell Deficiency in Mouse

Neda Afsharkhamseh¹, Elham Ghahari¹, Medi Eslani¹, Ali R. Djalilian¹

¹Department of Ophthalmology and Visual Sciences, University of Illinois at Chicago

Correspondence to: Ali R. Djalilian at adjalili@uic.edu

URL: <https://www.jove.com/video/54658>

DOI: [doi:10.3791/54658](https://doi.org/10.3791/54658)

Materials

Name	Company	Catalog Number	Comments
Rotating burr: AlgerBrush II rust ring remover	Rumex International Co, Clearwater, FL	16-141	0.5 mm burr. Also available from other companies.
Surgical microscope	Wild Heerbrugg, Switzerland	Wild M691	
Digital camera	Nikon, Thailand		
Nikon FS-2 slit lamp	Nikon, Japan		
Polyclonal anti-CK12 antibody	Santa Cruz Blotechnology, CA,	SC-17101	1:100 concentration
Monoclonal anti-CK8 antibody	TROMA-I-s, Iowa City, IA	AB_531826	1:50 concentration